

# IEA VE NEWS

IEA Visual Ergonomics Technical Committee Newsletter

September 2023

## From the chair

### New Editor

Welcome to a new issue of our Newsletter. The Newsletter was formerly edited by Dr. Jennifer Long who left last September after more than ten years of excellent editing work. After a couple of discussions about strategies on how to find a replacement for Jennifer we finally got hints from the literature on social networks, showing that in fact we live in a “small-world” (Schnettler S, 2009. A structured overview of 50 years of small-world research. Social Networks, doi:10.1016/j.socnet.2008.12.004). Why look so far afield when there is so much close at hand? We welcome our new editor, Prof. Dr. Rudy Ying-Yin Huang, member of the executive board of the Visual Ergonomics Technical Committee of IEA (VE TC), and wish her all the best in managing the Newsletter for hopefully a long-term period.

### New Executive Board Members Wanted

Although we live in a small-world, members of the executive board of the VE TC represent a restricted population of the Visual Ergonomists around the world. Two members of the VE TC executive board are from Taiwan and two reside in Europe, Sweden and Switzerland. To expand our focus in capturing matters of concerns to VE around the world and to better represent requests of VE community on a world-wide scale, we are seeking new VE TC executive board members. We motivate interested readers to apply for serving as a future executive board member by sending their short CV and a brief motivation statement to the chair of the VE TC ([mmenzozi@ethz.ch](mailto:mmenzozi@ethz.ch)).



The chair is also ready to provide further details about the position to interested Visual Ergonomists.

Best Season's Greetings!

**Marino Menozzi**  
**IEA VE TC Chair**

## Some publications by IEA VE TC members

- Qi S., Menozzi M., **Investigating pedestrian crossing decision with autonomous cars in virtual reality**, Z. Arb. Wiss. (2023).  
<https://doi.org/10.1007/s41449-023-00360-y>

## IEA News

### Keep up to date with news from the International Ergonomics Association

- Latest news about a range of ergonomics topics:  
<https://m4v.211.myftpupload.com/blog/>
- Upcoming (and past events): <https://iea.cc/meetings/other-events/>
- Visit us on LinkedIn: <https://www.linkedin.com/company/iea-visual-ergonomics-technical-committee/?viewAsMember=true>

### Mark your diaries:

The next IEA congress will be held in August 2024, Jeju Island, Jeju, South Korea.

<http://iea2024.com/>



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## Visual Ergonomics board members info

### Marino Menozzi

Marino Menozzi leads the Human Factors Engineering group at ETH Zürich. Before, he worked as a developer for ophthalmic lenses in Paris (France) and as a developer for vision screeners in Petersburg (VA, USA). His main interests are visual accommodation, vergence, and workplace design.

### Hillevi Hemphälä

Hillevi Hemphälä has a PhD, BSc Optometry, and is a researcher in Visual Ergonomics at the Division of Ergonomics and Aerosol Technologies of the Department of Design Sciences at Lund University in Sweden. Hillevi is particularly interested in lighting (see below article on the Light Collaboration Network).

## Rudy Ying-Yin Huang

Rudy Huang is an associate professor in the Department of Mechanical Engineering at National Taiwan University. She has established the research group of “Human Factors Engineering Lab.” at NTU since 2023 (formerly VARErgo at Taipei Tech). Her research focuses on visual ergonomics, VR/AR application, simulation and training, and innovative technology in smart manufacturing industry and product development.

## Frank Po-Hung Lin

My name is Frank Po-Hung Lin and I am currently an associate professor in department of Industrial Engineering and Management, National Kaohsiung University of Science and Technology of Taiwan. My research areas are visual ergonomics and human-computer interface. I've done some research and projects about ergonomic evaluation in visual interfaces over the past few years. Hope we can have the opportunity to work together in promoting visual ergonomics in the future.

## Light Collaboration Network

### *By Hillevi Hemphälä*

Light Collaboration Network, is a Scandinavian network for education and research, with members from industry, Energy agencies, education and research, as well as lighting designers. For more information see [www.lightcollaboration.net](http://www.lightcollaboration.net) Everyone



is invited to participate free of charge and there is monthly “light lunches” (eat your lunch by the computer and talk light) and smaller conferences. Two exciting days of networking in April 2023 with #LightCollaborationNetwork have come to an end. In total it included 23 presentations, a panel discussion, a round table discussion, a lab tour, and of course long coffee breaks, lunches and a nice dinner, providing a lot of opportunity for networking. The presented topics ranged from how to design daylight for animals, integrative lighting, visual ergonomics, glare from LED panels and many more. It was a really interesting conference with a focus on networking and knowledge.

**NEXT NEWSLETTER DEADLINE: 30th November 2023**

Please send any visual ergonomics news or announcements to Marino Menozzi at

[mmenozzi@ethz.ch](mailto:mmenozzi@ethz.ch)